



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Marc Chaussade et al.

Application No.: 10/584,396

Filing Date: March 28, 2007

Title: POLYORGANOSILOXANE
MONOCOMPONENT COMPOUND
CROSSLINKING INTO SILICONE
ELASTOMER

) MAIL STOP AMENDMENT

) Group Art Unit: 1712

) Examiner:

) Confirmation No.: 8991

SECOND
INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed is a second Information Disclosure Statement (IDS) and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of \$ 180 as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of \$ 180 as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge _____ to Deposit Account No. 02-4800 for the fee due.
- ☐ Charge _____ to credit card for the fee due. Form PTO-2038 is attached.
- ☒ The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800.

Respectfully submitted,

BUCHANAN INGERSOLL AND ROONEY PC

Date October 19, 2009

By:

Mary Katherine Baumeister
Mary Katherine Baumeister
Registration No. 26254

Customer No. 21839
703 836 6620



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| Marc Chaussade et al. |) | |
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SECOND INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

Applicants request consideration of the documents listed on the accompanying Form PTO-1449, which have been cited during prosecution of the corresponding French and Chinese applications.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed. However, copies of the listed U.S. patents are not enclosed since it is no longer required.

This Statement, Form PTO-1449 and the listed documents are being submitted within three (3) months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later. Since these documents are being filed within the time period set forth in 37 C.F.R. § 1.97(b), no fee or statement is required.

With respect to the non-English language documents listed on the accompanying Form PTO-1449, the following remarks are offered:

CN 85106766 A of BP Chemicals Limited is in Chinese. It is a counterpart of Umpleby U.S. Patent No. 4,795,786, which is cited to serve in place of an English

translation. An English-language abstract of CN 85106766 is also provided as a brief statement of relevance. In addition, applicants provide a copy of the INPADOC patent family for CN 85106766 listing US 4,795,786 as a counterpart.

CN 1365379 A is in Chinese. It is the Chinese national phase of PCT/FR00/1530, which was published as WO 00/75234 A1 in French. No English-language translation or counterpart is readily available; however, an English-language abstract is provided on page 1 of the WO document to serve as an abstract of both CN 1365379 and its WO counterpart. In addition, there is a copy of the INPADOC patent family for CN 1365379 A listing WO 00/75234 A1 as a counterpart. Further, the following brief statement of relevance is provided:

According to the Chinese Examiner, CN 1365379 discloses a single-component composition based on a polyorganosiloxane, which comprises polyorganosiloxane, an inorganic filler and an effective amount of curing catalyst selected from chelating agents, in particular dibutyltin diacetylacetonate. The curing catalyst is used in an amount of 0.05 to 5 parts by weight relative to 100 parts by weight of polyorganosilane. The composition can be stably stored in the absence of moisture and can cross-link to form an elastomer in the presence of moisture. However, applicants note that this document and its PCT equivalent disclose the use of several catalysts, and particularly amines and metallic salts of carboxylic acids like tin and chelates. The only tin catalysts exemplified are dibutyltin dilaurate, dibutyltin dioctoate, tin octoate and dibutyltin bis(acetylacetonate), which are all single tin catalysts. These catalysts are different from the single tin catalysts according to instant Claim 1 because they do not have the -SnOOC- structure. However, it is shown in the instant specification in tests carried out by applicants that the conventional catalyst dibutyltin laurate and other prior art catalysts result in compositions which are not stable on storage and do not guarantee cross-linking after storage for several months, e.g., 6 months. Thus CN 1365379 and its WO counterpart are not relevant to patentability herein.

It is respectfully requested that an Examiner initialed copy of the accompanying Form PTO-1449 be returned to the undersigned.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800.

Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY PC

Date: October 19, 2009

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Mary Katherine Baumeister

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